

What is Claimed is:

1. A data transmission system for linking multiple exercise facilities, comprising:

at least one exercise facility which has a measurement
5 device mounted thereon for capturing data; and

a transmission circuit having one end connecting to the exercise facility and other end connecting to a microprocessor;

wherein the transmission circuit connects the exercise
10 facility and the microprocessor to transmit exercise data in a two-way manner to record and track detailed data results of every exercise performed by users on a long term basis.

2. The data transmission system of claim 1, wherein the microprocessor transmits the exercise data through Internet to
15 another microprocessor.

3. The data transmission system of claim 1, wherein the microprocessor transmits the exercise data through a disk to another microprocessor.

4. A data transmission system for linking multiple exercise
20 facilities, comprising:

at least one exercise facility which has a data reader including a slot; and

a storage device housed in the slot of the data reader for reading data stored in the data reader;

25 wherein the storage device has at least one memory

buffer which forms storage segments according to properties of different exercise facilities.